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IS 14192 (1994): Textile machinery - Knitting machines - Nameplate information [TXD 14: Machinery for Fabric Manufacture]

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वस्त्रादि मशीनरी — बुनाई की मशीनें — नामपट्टी सूचना

Indian Standard

TEXTILE MACHINERY — KNITTING MACHINES — NAMEPLATE INFORMATION

UDC 677·055 : 621-777

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002

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NATIONAL FOREWORD

This Indian Standard which is identical with ISO 8121 : 1986 'Textile machinery — Knitting machines — Nameplate information' issued by the International Organization for Standardization (ISO), was adopted by the Bureau of Indian Standards on the recommendation of the Knitting Machinery Sectional Committee (TX 22) and approval of the Textile Division Council.

In this standard certain terminology and conventions are not identical with those used in Indian Standards; attention is especially drawn to the following :

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

b) Comma (,) has been used as decimal marker in the International Standards while in Indian Standards, the current practice is to use a point (.) as decimal marker.

In this Indian Standard, the following international standards are referred to. Read in their respective place the following :

International Standard	*Indian Standard*	*Degree of Equivalence*
ISO 8117 Textile machinery — Knitting machines — Nominal diameters of circular machines	IS 12385 : 1988 Nominal diameters of circular knitting machines	Technically equivalent
ISO 8188 Textile machinery and accessorries — Pitches of knitting machine needles	IS 12414 : 1988 Pitches of knitting machine needles	Technically equivalent

This standard also incorporates Technical Corrigendum 1 to ISO 8121 : 1986.

Indian Standard

TEXTILE MACHINERY — KNITTING MACHINES — NAMEPLATE INFORMATION

1 Scope and field of application

This International Standard specifies the minimum information that shall be provided by the nameplates on knitting machines and also how that information shall be presented.

The annex is given for information purposes only and does not form an integral part of this International Standard.

2 References

ISO 8117, *Textile machinery — Knitting machines — Nominal diameters of circular machines.*

ISO 8188, *Textile machinery and accessories — Pitches of knitting machine needles.*

3 Nameplate content

The following minimum data shall be specified on the machine nameplate:

- type of machine;
- machine number;
- flat knitting machine nominal width [1];
- circular knitting machine nominal diameter (in accordance with ISO 8117);
- pitch, t, of needles (in accordance with ISO 8188);
- gauge, E (in accordance with ISO 8188);
- number of needles per needle carrier (only for circular knitting machines).

4 Presentation of data

The data on the machine nameplate shall be presented as follows.

4.1 For flat knitting machines

Type : . . .	Machine No. . . .
Nominal width : . . . mm	Pitch, t : . . . mm (Gauge, E : . . .)

4.2 For circular knitting machines

Type : . . .	Machine No. . . .
Nominal diameter/Designation . . . mm/. . .	Pitch, t : . . . mm (Gauge, E : . . .)
Number of needles : . . .	

NOTE — Examples of completed nameplates are shown in the annex.

1) The equivalent of the former inch value may be added in brackets.

Annex

Examples of completed nameplates

(This annex does not form an integral part of the standard.)

A.1 Nameplate for a flat knitting machine

Type : ABC	Machine No. 1234567
Nominal width : 2 000 mm	Pitch, t : 2,54 mm (Gauge, E : 10)

A.2 Nameplate for a single face circular knitting machine

Type : zxy	Machine No. 7654321
Nominal diameter/Designation 762 mm/30	Pitch, t : 1,41 mm (Gauge, E : 18)
Number of needles : 1 680 × 1	

A.3 Nameplate for a double face circular knitting machine

Type : zxy	Machine No. 7654321
Nominal diameter/Designation 762 mm/30	Pitch, t : 1,41 mm (Gauge, E : 18)
Number of needles : 1 680 × 2	

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